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DUPLICATE 4

AN 1997:111102 BIOSIS  
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TI DELTA-IK17: An antigen expressed on human lymphocytes.  
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SO International Journal of Biological Markers, (1996) Vol. 11, No. 4, pp.  
183-189.  
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DT Article  
LA English  
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AB Anti-DELTA-IK17 monoclonal antibody was produced by fusing  
SP2/O/Ag14 myeloma with spleen cells of BALB/c mice immunized with normal  
human thymocytes. a DELTA-IK17 antibody recognizes a 44 kD cell  
surface protein detected on human lymphocytes. DELTA-IK17 is  
expressed on human thymocytes, CD4+ and CD8+ T cell subsets, B, NK cells,  
as well as on activated cells. The antigen is detected on cells during  
the early, intermediate and late stages of lymphocyte maturation. In  
addition the expression of the antigen is correlated with ontogenesis. A  
T+ DELTA-IK17+ subpopulation responded poorly to TPA stimulation  
and provided a better helper signal for PWM-induced IgM synthesis than T+  
DELTA-IK17-cells. In addition, different levels of DELTA-  
IK17 expression were detected in several hematological diseases  
tested.  
CC Cytology - Human 02508  
Biochemistry studies - Proteins, peptides and amino acids 10064  
Blood - Lymphatic tissue and reticuloendothelial system 15008  
Immunology - Immunopathology, tissue immunology 34508  
IT Major Concepts  
Biochemistry and Molecular Biophysics; Blood and Lymphatics (Transport  
and Circulation); Cell Biology; Clinical Endocrinology (Human Medicine,  
Medical Sciences)  
IT Miscellaneous Descriptors  
BIOCHEMISTRY AND BIOPHYSICS; BLOOD AND LYMPHATICS; DELTA-DIK17 ANTIGEN;  
IMMUNE SYSTEM; LYMPHOCYTES  
ORGN Classifier  
Hominidae 86215  
Super Taxa  
Primates; Mammalia; Vertebrata; Chordata; Animalia  
Organism Name  
human  
Taxa Notes  
Animals, Chordates, Humans, Mammals, Primates, Vertebrates